

# **SOUTH PRODUCTION NOTES**

July 15, 2014  
Midnight Shift

BASF EMPLOYEES  
74 Last Recordable  
379 Last Lost Time

**Building 9 is regulated**

**Building 31: 2<sup>nd</sup> floor is regulated**

**Building 16 (Alumina Gel) is regulated**

## **#1 MED / AI 5655:**

The gear box on the Bonnet extruder has been replaced during shut down but additional is required on a coupling. We will not unlock the equipment. Additionally, the #1 dust collector rotolock guard (up on the roof) was laying on the ground – work notification written to have maintenance replace it (934281748).

Midnight shift:

Day shift: Work on coupling still needed...will not be available for installation until Wednesday

Afternoon shift: No change

## **#1 RC / AI 5655:**

Still waiting for calciner training. Ensure all locks have been removed in preparation to start the calciner once given the ok.

Midnight shift:

Day shift: Hold for drum training

Afternoon shift: On hold for calciner to be trained.

## **Exhaust to Trimer**

## **#2 MED line/ Cu-0860:**

Before re-starting this line we need to make sure that the issues with the feedscrew at the minor stations have been resolved. Engineer advised of issue. Coming off shut down ensure that all locks have been removed from the line and reinstall the auger and pins.

Midnight shift:

Day Shift: Auger pins retrieved and installed. Viron started but work order needed to start dryer (submitted). Also had issues with the minors hopper (Vac-U-Max)...the hopper was cleared out and verified that the wrong minor was cleaned prior to shut down. Both minors are being cleaned and both “zeroed out” Will wait for Bodmann on when to make next batches

Afternoon Shift: Were able to get dryer lit. On hold until first shift.

### **#2 RC/ Cu-0860:**

New discharge bag rack has been installed. PSSR to be held on Monday morning.

Midnight Shift:

Day shift: No activity

Afternoon shift: No change.

**Exhaust to F1**

### **#3 MED / D-0702:**

We were having issues drawing powder from the powder room when we last left this story. There's no reason to believe that it was fixed. Let's make sure that we remove any locks from the line and install the auger and barrel (with new liner) back on.

Midnight Shift:

Day shift: Viron and DC started, waiting on sample results of liquid weigh tank (tank was full of something). If/when OK, start line

Afternoon Shift: Tank was toted off. Having issues with liquid weigh tank reading in the control room going up way too fast and not matching what is going in the tank. Kirk was involved and noted that we need to contact OCS. A work order was written. We also had too much Catapal B drawn up into the weigh hopper. Currently working on getting some out with a vacuum from the mixer.

### **#3 RC / D-0702:**

Ensure that the spiral elevator on #3 RC has been unlocked. A new pad was poured over shut down. Ensure after locks removed that we start the spiral and kick the pig a bit. Set up discharge for D-0702.

Midnight shift:

Day shift: Hold until line starts

Afternoon Shift: No change.

**Exhaust to CTO**

### **#4 RC / AI-5655:**

Calciner is lit and coming up to temperature. Rememeber that we will be running two calciners with AI-5655 (#1 RC and #4RC).

Midnight Shift:

Day shift: Mark Firment working on Trimer power issue. Light calciner and exhaust to DC to start, then to Trimer when it is ready

**Afternoon Shift: Got calciner lit and is coming up to temperature late in the shift. Walk through is being performed late in the shift.**

### **Exhaust to Trimer**

### **#5 RC / Cu-3818:**

**Emptying out the calciner in order for maintenance to change out the dam.**

**Midnight Shift: All locks have been removed from the calciner.**

**Day shift: Hold for dam change out by maintenance. Need to empty calciner first (remove current bag, put a re-feed bag on and purge everything out of calciner)**

**Afternoon shift: Emptying out the calciner in order for maintenance to change out the dam.**

### **Exhaust to 5A DC**

### **New Pfaudler / Cr-5655 SNAP:**

**Work was performed on the gear box and the hydraulic oil was replaced. We are currently down due to the pump spraying out chromic acid upon restart after Lucas repairs were made. We do not have a replacement pump in maintenance.**

**Midnight shift:**

**Day shift: Hold until Lucas repairs chrome acid pump (pressure tube came loose). Try starting by afternoon shift if everything OK.**

**Afternoon Shift: We are currently down due to the pump spraying out chromic acid upon restart after Lucas repairs were made. We do not have a replacement pump in maintenance.**

### **National Dryer / Cr 5655:**

**No work was performed on the national dryer so there isn't any reason**

**Building 16 will need to be regulated when we start feeding the national dryer.**

**Midnight Shift: No activity.**

**Day shift: Can light National Dryer**

**Afternoon Shift: National dryer was lit.**

### **TANK 7 / :**

**Empty and rinsed.**

**Midnight shift:**

**Day shift:**

**Afternoon Shift:**



### **Old Pfaudler D-0761 ZSH:**

The Pfaudler has been rinsed including weigh tank and lines. Should be ready for the ZSH Spheres (walk through everything first)

Midnight Shift:

Day Shift: MOD is here. Set up and start if everything OK. Grodecki needs to provide new batch sheet (bringing this afternoon)

Afternoon Shift: Another rinse out of the pfaudler was done. Need to confirm the proper nozzles are installed(not in the MOD).

### **#6 RC / Clean for Spheres:**

The #9 burner will be replaced. When we start this calciner we will have to start it very slowly – 50 degrees at a time – in order to “season” the block.

Midnight shift:

Day Shift: Calciner lit and will hold at 300 degrees until Tuesday morning to ensure #9 fire block cures properly.

Afternoon shift: Holding calciner at 300.

**Exhaust to Sly Scrubber**

### **PK Blender / Hold for Pill Mix:**

PK and building 9 cleaned. **HOLD**

Midnight Shift:

Day shift: Hold for word on Sterotex availability

Afternoon shift: No change.

### **Abbe Blender:**

**HOLD. Waiting on next run.**

Midnight shift:

Day shift: Hold

### **Tower 3 / Cu 0860:**

Tower is empty.

Midnight Shift: All locks removed and Mass spec turned on.

Day shift: Waiting on Cu 0860 tower loads to arrive; also waiting for nitrogen and hydrogen deliveries on Tuesday

Afternoon shift: No change.

### **Tower 6 /E-474:**

The shieves on this Tower have been replaced. The MOD is in the Towers control room. The tower has been loaded.

Midnight Shift:

Day shift: Waiting for nitrogen and hydrogen deliveries on Tuesday, then start tower up.

Afternoon shift: No change.

### **North Screener / Cu 0860:**

Verify that the north screener is empty and bring down tote. Will wait for instructions as to what to set it up for next.

Midnight shift:

Day shift: Hold for material (Cu 0860)

Afternoon Shift:

### **South Screener / E 474:**

Screener changed over to E 474

Midnight shift:

Day shift: Hold for material (E 474)

Afternoon Shift:

### **#2662 (east) Pill Machine / Zr-0403 1/8: Hold**

DC back together, pill machine in place. East machine not started yet. Look at changing all DC and delivery hoses, as needed.

Midnight shift:

Day Shift: Was checked and is OK for Zr 0403

Afternoon shift: No change.

### **#2664 (west) Pill Machine / Zr-0403 1/8: Hold**

DC back together, pill machine in place. West machine was tested and looked / sounded good. Setting up machine. A new work notification has been written to troubleshoot fuses blown out each time we engage the clutch – 934249468.

Powder for pills sometime after shut down.

Midnight shift:

Day Shift:

Afternoon shift:

### **TK #2 / V 2010:**

Had issues loading saggars. Operators to use improved PPE (racal, papr). Bag was supported over cart frame, bag opened and material slowly entered cart with little/no dusting. Top saggars also not being loaded (keep in place, only empty).

Midnight shift: Verified that there weren't additional bags to calcine.

Day Shift: Relighting kiln for more V 2010 from Shepard

Afternoon shift: Lit kiln and bringing up to temp.

### **Miscellaneous:**

1. Trimer will not fire up – all locks removed from panel
2. CTO has been unlocked (still looking for one lock location)
  - a. Do not forget that the cap on top of the ammonia tote must be removed before starting the CTO.

3. A work notification is in to have maintenance replace the guard on the #1 DC rotolock – roof.
4. #2 Extruder is fighting back during the insertion of the auger.
  - a. Need to remember that we were having a tough time delivering powder to the weigh hopper prior to shut down – that issue still needs to be addressed and...
  - b. The engineer might still want to make some “special” batches.
5. #3 MED line had the same issues that #2 in regards to drawing powder to the weight hopper – those issues have not been addressed either.
6. Nitrogen can be delivered but tanker cannot drive over the cement laid out by the towers – not cured yet.
7. Lock box #23 used for the vac-u-max work performed on #1 and #2 line still has a contractor lock (Dave Palmer) – need to contact him and have him remove the lock so that we can remove department locks.
8. PSSR’s will be held today on the #2 RC scale bag rack and #5 RC new glorious roton blower / vac-u-max.

### **Work Orders:**

1. #1 DC rotolock guard
2. Lights on the East stairwell
3. Blow down leak on #7DC